



031004

15750 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No.	MCD111 DIV
		First Inventor	Jeffrey J. NELSON
		Title	INTERCONNECTION ARCHITECTURE FOR MANAGING MULTIPLE LOW BANDWIDTH CONNECTIONS OVER A HIGH BANDWIDTH LINK
		Express Mail Label No.	EL533429706US
APPLICATION ELEMENTS		Commissioner for Patents Mail Stop Patent Application Alexandria, VA 22313-1450	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>3. <input checked="" type="checkbox"/> Specification [total pages <u>34</u>] (preferred Arrangement set forth below)</p> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R&D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings- Detailed Description- Claim(s)- Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) [total sheets <u>6</u>]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [total pages <u>4</u>]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from prior appl. (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</p>		<p>6. <input type="checkbox"/> Application Data Sheet. (See 37 CFR 1.76)</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>	
		ACCOMPANYING APPLICATION PARTS	
		<p>9. <input type="checkbox"/> Assignment Papers (coversheet/document(s))</p> <p>10. <input checked="" type="checkbox"/> 37 CFR. 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document</p> <p>12. <input checked="" type="checkbox"/> IDS & Form PTO/SB/08A <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>16. <input type="checkbox"/> Nonpublication Request Under 35 USC 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35</p> <p>17. <input checked="" type="checkbox"/> Other: Certificate of Mailing, Check for \$770.00</p>	
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: <u>09/502,947</u></p> <p>Prior application information: Examiner: <u>Thuan N. DU</u> Group/Art Unit: <u>2185</u></p> <p><small>FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small></p>			
19. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number 25235 or <input type="checkbox"/> Correspondence address below			
Name			
Address			
City	State	ZIP	
Country	Telephone	Fax	
Name (Print/Type)	Carol W. Burton	Registration No.	35,465
(Signature)		Date	March 10, 2004

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2004</h2> <p style="font-size: small; margin: 5px 0;">Effective 10/01/2003. Patent fees are subject to annual revision.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td></td> </tr> <tr> <td>Filing Date</td> <td>March 10, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Jeffrey J. NELSON</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Attorney Docket No.</td> <td>MCD111 DIV</td> </tr> </table>		Application Number		Filing Date	March 10, 2004	First Named Inventor	Jeffrey J. NELSON	Examiner Name		Art Unit		Attorney Docket No.	MCD111 DIV
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TOTAL AMOUNT OF PAYMENT (\$) 770.00															

<p>METHOD OF PAYMENT (check all that apply)</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None</p> <p><input type="checkbox"/> Deposit Account:</p> <p>Deposit Account Number: 50-1123</p> <p>Deposit Account Name: Hogan & Hartson LLP</p> <p>The Director is authorized to: (check all that apply)</p> <p><input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments</p> <p><input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application</p> <p><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</p> <p style="text-align: center;">FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001</td> <td>385</td> <td>Utility filing fee</td> <td style="text-align: center;">\$770.00</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002</td> <td>170</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003</td> <td>265</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004</td> <td>385</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: center;">(\$770.00)</td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Claims</td> <td style="text-align: center;">11</td> <td>-20 **</td> <td>=</td> <td style="text-align: center;">0</td> <td>X</td> <td style="text-align: center;">18.00</td> <td>=</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">3</td> <td>-3 **</td> <td>=</td> <td style="text-align: center;">0</td> <td>X</td> <td style="text-align: center;">86.00</td> <td>=</td> <td style="text-align: center;">0.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>=</td> <td></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td style="text-align: center;">(\$0.00)</td> </tr> </tbody> </table> <p style="font-size: x-small;">**or number previously paid, if greater; For Reissues, see above</p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)			1001	770	2001	385	Utility filing fee	\$770.00	1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)					(\$770.00)	Total Claims	11	-20 **	=	0	X	18.00	=	0.00	Independent Claims	3	-3 **	=	0	X	86.00	=	0.00	Multiple Dependent					X		=		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)			1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$0.00)	<p>3. 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1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																																																																								
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																																								
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																																																																								
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																																																																																								
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																																								
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																																																																																																																																																																								
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																																																								
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																																								
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																																																																								
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																																																																								
1801 (RCE)	770	2801	385	Request for Continued Examination																																																																																																																																																																																																																																																																																																																								
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																																								
Other fee (specify) _____																																																																																																																																																																																																																																																																																																																												
*Reduced by Basic Filing Fee Paid (3)					SUBTOTAL (\$)																																																																																																																																																																																																																																																																																																																							

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Carol W. Burton	Registration No. (Attorney/Agent)	35,465	Telephone	303.454.2454
Signature				Date	March 10, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.		Confirmation No.	
Inventor:	Jeffrey J. NELSON, et al.	Title:	INTERCONNECTION ARCHITECTURE FOR MANAGING MULTIPLE LOW BANDWIDTH CONNECTIONS OVER A HIGH BANDWIDTH LINK
Filed:	March 10, 2004		
TC/A.U.			
Examiner:			
Docket No.	MCD111 DIV		
Customer No.	25235		

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop Patent Application
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the attached

1. Utility Patent Application Transmittal;
2. Specification (29 pages), Claims (4 pages), Abstract (1 page) and Drawings (6 sheets);
3. Fee Transmittal (2 copies);
4. Copy of Declaration (signed);
5. Copy of Power of Attorney by Assignee and Revocation of Previous Powers;
6. IDS and Form PTO/SB08/A;
7. Check for \$770.00;
8. Return Card; and

this Certificate of Mailing by Express Mail relating to the above application, were deposited as "Express Mail", Mailing Label No. EL533429706US with the United States Postal Service, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 10, 2004.

March 10, 2004

March 10, 2004

MAILER

Carol W. Burton, Reg. 35,465
Hogan & Hartson, LLP
1200 Seventeenth Street, Suite 1500
Denver, CO 80202
Telephone: (303) 454-2457
Facsimile: (303) 899-7333

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY

In re Application of:

Jeffrey J. NELSON, et al.

Serial No. 09/502,947

Filed: February 11, 2000

For: INTERCONNECTION
ARCHITECTURE FOR MANAGING
MULTIPLE LOW BANDWIDTH
CONNECTIONS OVER A HIGH
BANDWIDTH LINK

Examiner:

Art Unit: 2782

TRANSMITTAL OF POWER OF ATTORNEY
& INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed herewith is a Power of Attorney by Assignee and Revocation
of Previous Powers, granted a new Power of Attorney to the listed attorneys,
and directing all further correspondence in this case to the following:

William J. Kubida
Hogan & Hartson LLP
One Tabor Center
1200 17th Street, Suite 1500
Denver, Colorado 80202
(719) 448-5909

Please contact the undersigned with any questions relating thereto.

Respectfully submitted,



March 6, 2001

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